

CLAIMS

1. Data-processing installation, characterised in that it includes:

- a writing medium (3) defining at least one zone (4) adapted for the entry of handwritten primary data by a user;

5 - recognition means (5) arranged to capture said primary data entered in said field (4),

- a display device (6) arranged to display data;

- interaction means (8) arranged to enable a user i) to associate processing operators and/or secondary data with primary data entered in said field (4), and ii) to activate primary data entered or associated secondary data when it designates external data stored in at least one
10 database (9);

- processing means (10) arranged i) to associate a timestamp representing the moment of data entry or association and an identifier representing the zone (4) with said processing operators and/or said primary or secondary data, and ii) in case of activation of primary or secondary data by a user, to access the database (9) in which the external data designated
15 by said activated primary or secondary data is stored, such that this external data is displayed by said display device (6);

2. Installation according to Claim 1, characterised in that it includes a memory (15) linked to said processing means (10), and in that said processing means (10) are arranged to store in said memory (5) the primary and secondary data in correspondence with their
20 timestamps and/or their respective zone identifiers.

3. Installation according to any one of Claims 1 and 2, characterised in that said processing means (10) are arranged to associate primary level identifiers (18) and secondary level
- identifiers (20) with said primary and secondary data in a zone (4), such that said zone (4) and its data can be broken down into levels.

25 4. Installation according to Claim 3, characterised in that said medium (3) is arranged to deliver tertiary data representing an input mask of said zone (4) to said processing means (10), and in that said processing means (10) are arranged to associate tertiary level

identifiers (17) with said tertiary data in a zone (4) before storing the data in said memory (15).

5 5. Installation according to any one of Claims 1 to 4, characterised in that said recognition means (5) include a pen arranged to enable a user to enter primary and/or secondary data via said medium (3), and to capture the primary and/or secondary data thus entered and to communicate it to said processing means (10).

10 6. Installation according to any one of Claims 1 to 5, characterised in that said recognition means (5) include a pen arranged to enable a user to enter primary and/or secondary data via said medium (3), to capture this primary and/or secondary data thus entered in cooperation with said recognition means (5), and to communicate it to said processing means (10).

15 7. Installation according to any one of Claims 1 to 5, characterised in that said recognition means (5) include a graphic tablet capable of accommodating said medium (3) and arranged to capture said primary and secondary data entered via said medium (3) and to communicate it to said processing means (10).

8. Installation according to any one of Claims 1 to 7, characterised in that said medium (3) is an electronic notebook defining a multiplicity of zones (4) for the entry of primary and/or secondary data.

20 9. Installation according to any one of Claims 1 to 8, characterised in that it includes at least one computer (1) incorporating said display device (6) and at least one part of said processing means (10), and connected to said recognition means (5).

10. Installation according to any one of Claims 1 to 6, characterised in that it includes at least one computer (1) incorporating said display device (6), said recognition means (5) and at least one part of said processing means (10).

25 11. Installation according to Claim 10, characterised in that said display device (6) also constitutes said medium (3).

12. Installation according to any one of Claims 9 to 11, characterised in that said computer (1) includes at least one part of said interaction means (8).

13. Installation according to any one of Claims 11 to 12, characterised in that it includes a personal digital assistant (23) including an auxiliary display (24) arranged to enable the entry of secondary data by a user, at least one part of said interaction means (8), at least one part of said processing means (10), and a part of said recognition means (5) so as to
 5 capture said secondary data entered via said auxiliary display (24).

14. Installation according to Claim 13, characterised in that it includes tracking means (25) integral with said personal digital assistant (23), connected to said recognition means (5), and arranged to determine the position of the auxiliary display (24) relative to said medium (3), such that the part of said zone displayed on said auxiliary display (24) substantially
 10 matches the portion of the zone (4) of the medium (3) located under said auxiliary display (24).

15. Installation according to any one of Claims 9 to 14, characterised in that said computer (1) is connected to the Internet and/or to at least one private database (9).

16. Data processing device, characterised in that it includes processing means arranged to:

- 15 - address to a display device (6; 24) instructions requiring the display of at least one part of handwritten primary data captured by recognition means (5) after being entered by a user in a zone (4) of a medium (3);
- associate a timestamp representing the moment of data entry or association and an identifier representing the zone (4) with said primary data, and with processing operators
 20 and/or secondary data, associated by interaction means (8) with at least some of said primary data displayed by said display device (6; 24), and
- in case of activation by said interaction means (8) of primary or secondary data designating external data stored in at least one database (9), to access said database, such that this external data is displayed by said display device (6; 24).

25 17. Use of a device according to Claim 16 in an installation according to any one of Claims 1 to 15.